

MAY 14,2004

Dear Brian Pendleton

Please find attached the search results for 09862386. I used the search strategy I emailed to you to edit, which you did. I searched the standard Dialog files, DTIC, and the internet.

If you would like a re-focus please let me know.

Thank you.

Pamela A. Reynolds

Pamela A. Reynolds

United States Patent And Trademark Office

Team Leader

TC 2600

EIC 2600

CPK2 3C03

703-306-0255

703-305-5443 (fax)

By Friday 7:00 pm
Here or we'll send 25

Access DB# 121963

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Brian Pendleton Examiner #: 76889 Date: 5-13-04
Art Unit: 2644 Phone Number 305 9509 Serial Number: 091862 382
Mail Box Location: 8D11 Results Format Preferred (circle) PAPER DISK E-MAIL
CPK 2

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Hands-free Megaphone

Inventors (please provide full names): Robert Leonard Carpenter

Earliest Priority Filing Date: 5-22-01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number. (PA)

Invention directed to a megaphone or hands-free public address system.
Claim 3 is only pertinent claim to be searched. The system has a microphone connected to an ear hook (see fig. 1+2). A cable/wire extends to a body pack (belt type article) which contains the battery, speaker, and electronic circuit to amplify the voice signals from the microphone. I cannot find the combination of a wearable PA system with an ear-hook microphone, wherein the belt has connectors and straps. SNAP-FIT
Search terms are underlined. Figures 1 + 3 best characterize the invention. 12:40

STAFF USE ONLY

Searcher: Pamela Reynolds

Searcher Phone #: 305-0255

Searcher Location: PLC 3 C03

Date Searcher Picked Up: 5-14-04

Date Completed: 3/18

Searcher Prep & Review Time: 107

Clerical Prep Time:

Online Time: 118

Type of Search

NA Sequence (#)

AA Sequence (#)

Structure (#)

Bibliographic ✓

Litigation

Fulltext ✓

Patent Family

Other

Vendors and cost where applicable

STN

Dialog ✓

Questel/Orbit

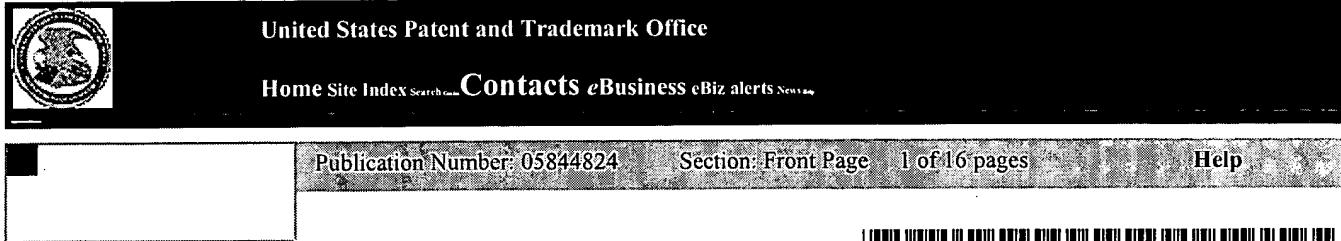
Dr. Link

Lexis/Nexis

Sequence Systems

WWW/Internet

Other (specify)



Full Text

Go to Page:



Sections:

- [Front Page](#)
- [Drawings](#)
- [Specifications](#)
- [Claims](#)
- [Correction](#)

United States Patent [19]

Newman et al.

[11] Patent Number: 5,844,824
 [45] Date of Patent: Dec. 1, 1998



US05844824A

[54] **HANDS-FREE, PORTABLE COMPUTER AND SYSTEM**

[75] Inventors: Edward G. Newman, Fairfax Station; Michael D. Jenkins, Manassas; Steven J. Schwartz, Fairfax, all of Va.

[73] Assignee: Xybernaut Corporation, Fairfax, Va.

[21] Appl. No.: 861,598

[22] Filed: May 22, 1997

Related U.S. Application Data

[63] Continuation of Ser. No. 538,194, Oct. 2, 1995, abandoned.

[51] Int. Cl. 6 G06F 1/00; G06F 3/00

[52] U.S. Cl. 364/708.1; 364/709.11

[58] Field of Search 364/708.1, 705.05, 364/709.11; 434/258; 128/731; 351/210

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,013,068 3/1977 Settle et al. 600/545

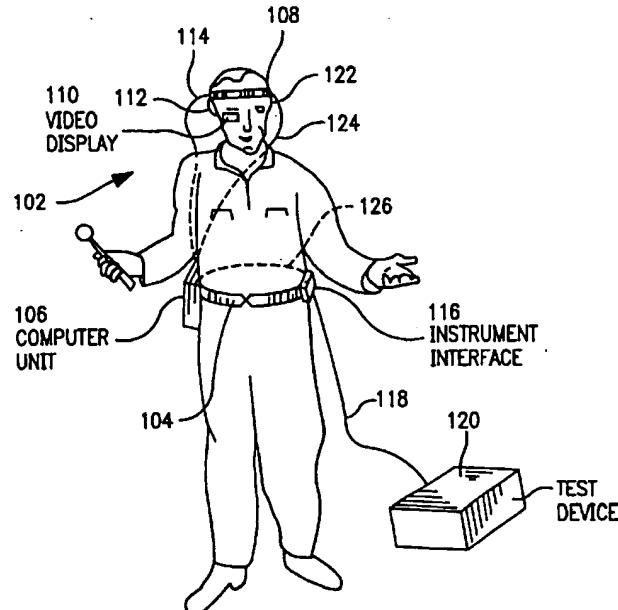
| | | | | |
|-----------|---------|-----------------|-------|------------|
| 4,973,149 | 11/1990 | Hutchinson | | 351/210 |
| 5,189,632 | 2/1993 | Pajjanen et al. | | 364/705.05 |
| 5,305,244 | 4/1994 | Newman et al. | | 364/708.1 |
| 5,374,193 | 12/1994 | Trachtman | | 434/258 |
| 5,426,769 | 6/1995 | Pawlowski | | 395/500 |
| 5,513,649 | 5/1996 | Gevins et al. | | 128/731 |
| 5,584,010 | 12/1996 | Kawai et al. | | 711/117 |
| 5,630,153 | 5/1997 | Intrater et al. | | 395/800.35 |
| 5,649,061 | 7/1997 | Smyth | | 395/20 |

Primary Examiner—Emmanuel L. Moise
Attorney, Agent, or Firm—James J. Ralabate

[57] **ABSTRACT**

The invention involves a body-worn, hands-free computer system. The system does not rely upon a keyboard input or activation apparatus but rather has various activation means all of which are hands-free. The system can be used with other systems, other system components and communication apparatus. Also, various components of the present system can be body worn or placed in a disconnected location if desired.

18 Claims, 3 Drawing Sheets





HOME

SEARCH

VIEW CART

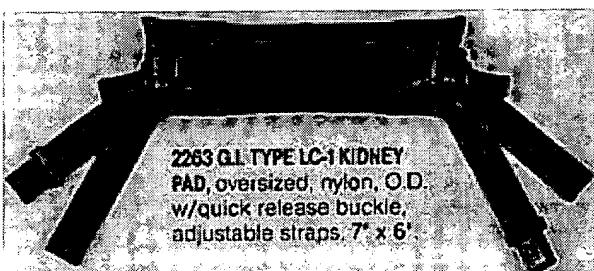
CHECKOUT

Army Navy Search:

FIND

- CLOTHING**
- HEADWEAR**
- FOOTWEAR**
- EYEWEAR**
- AUDIO/VIDEO**
- FLAGS**
- BOOKS/GUIDES**
- GIFTS/NOVELTY**
- CAMPING/HUNT**
- POLICE EQUIP.**
- OPTICS/LIGHTS**
- KNIVES/TOOLS**
- BAGS/PACKS**

LC-1 Kidney Pads - Military GI Type



Quantity in Basket: *none*
Code: **rc2263**
Price: **\$22.00**

Shipping Weight: **0.00**
pounds

Quantity:

**ADD TO
CART**

LC-1 Kidney Pads - Military GI Type
oversized, nylon, olive drab with quick release buckle, adjustable straps, 7"x6"

Shipping Info

Terms of Sale

Privacy Policy

Size Charts

Links

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File 344:Chinese Patents Abs Aug 1985-2004/Mar
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200430
(c) 2004 Thomson Derwent

| Set | Items | Description |
|-----|--------|---|
| S1 | 1071 | (WAIST OR FANNY OR BODY OR KIDNEY) (3N) PACK |
| S2 | 289848 | BELT??? |
| S3 | 245 | S2 AND CONNECTOR? AND (STRAP?? OR SNAPFIT OR SNAP()FIT) |
| S4 | 319526 | MEGAPHONE? OR OUTPUT(3N)HORN OR AMPLIFIER? |
| S5 | 4614 | HANDS()FREE OR HANDSFREE |
| S6 | 273 | (PUBLIC()ADDRESS OR PA())SYSTEM |
| S7 | 0 | WEARABLE AND (PA OR PUBLIC()ADDRESS) ()SYSTEM? |
| S8 | 40601 | MICROPHONE OR MICRO()PHONE? |
| S9 | 2644 | HEADSET OR HEAD()SET |
| S10 | 312 | EARHOOK? OR EAR(3N)HOOK? |
| S11 | 0 | PERSONAL()PA()SYSTEM |
| S12 | 0 | S1 AND S2 AND S5 AND S6 |
| S13 | 0 | S1 AND S6 |
| S14 | 2 | S1 AND S4 AND S8 AND S9 |
| S15 | 4 | S1 AND S4 |
| S16 | 2 | S15 NOT S14 |
| S17 | 1 | S6 AND S8 AND S9 |
| S18 | 1 | S17 NOT (S14 OR S15) |
| S19 | 71848 | IC=H04R? |
| S20 | 11045 | S8 AND S19 |
| S21 | 18 | S20 AND WEARABLE |
| S22 | 0 | S21 AND WAIST |
| S23 | 1 | S21 AND BODY |
| S24 | 1 | S23 NOT (S17 OR S14 OR S15) |
| S25 | 0 | S24 NOT COCHLEAR |

14/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015267527 **Image available**

WPI Acc No: 2003-328456/200331

XRPX Acc No: N03-262685

Hands-free megaphone for cricket, soccer, coach, has stalk that is capable of being bent to position microphone adjacent to users mouth

Patent Assignee: CARPENTER R L (CARP-I); LEONARD C R (LEON-I)

Inventor: CARPENTER R L; LEONARD C R

Number of Countries: 002 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| US 20020176586 | A1 | 20021128 | US 2001862386 | A | 20010522 | 200331 B |
| AU 200181531 | A | 20030501 | AU 200181531 | A | 20011023 | 200334 N |

Priority Applications (No Type Date): US 2001862386 A 20010522; AU 200181531 A 20011023

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|----------------|------|-----|----|-------------|--------------|
| US 20020176586 | A1 | | 7 | H04R-027/04 | |
| AU 200181531 | A | | | H04R-027/04 | |

Hands-free megaphone for cricket, soccer, coach, has stalk that is capable of being bent to position microphone adjacent to users mouth

Abstract (Basic):

... A **headset** (1) has a **microphone** (5) and a C-shaped element (4), that hooks around the ear of the user. A stalk connecting the **microphone** to the curved element, is capable of being bent to position the **microphone** adjacent to the users mouth for hand-free operation. A belt (3) secures a **megaphone pack** (2) around the **waist** of the user.

... A **megaphone** which is very comfortable to wear for long or short periods, is obtained...

...The figure shows the front view of a person wearing the **megaphone** .

...

... **headset** (1...

... **megaphone pack** (2...

... **microphone** (5

...Title Terms: **MEGAPHONE** ;

14/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013763049 **Image available**

WPI Acc No: 2001-247260/200126

XRPX Acc No: N01-176117

Apparatus for use as hands free megaphone with headset incorporating microphone connected to flexible curly cable to body pack provided with mechanism for attachment to user's body and incorporating output horn

Patent Assignee: CARPENTER R L (CARP-I)

Inventor: CARPENTER R L

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| GB 2349035 | A | 20001018 | GB 20006887 | A | 20000323 | 200126 B |
| GB 2349035 | B | 20031210 | GB 20006887 | A | 20000323 | 200404 |

Priority Applications (No Type Date): GB 998380 A 19990414

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|-----------|------|--------|----------|--------------|
|-----------|------|--------|----------|--------------|

| | | | |
|------------|---|----|-------------|
| GB 2349035 | A | 10 | H04R-027/04 |
|------------|---|----|-------------|

| | | | |
|------------|---|--|-------------|
| GB 2349035 | B | | H04R-027/04 |
|------------|---|--|-------------|

Apparatus for use as hands free megaphone with headset incorporating microphone connected to flexible curly cable to body pack provided with mechanism for attachment to user's body and incorporating output horn

Abstract (Basic):

... The apparatus is for use as a hands free **megaphone** with a **headset** (1) incorporating a **microphone** (5) connected to flexible curly cable to a **body pack** (2) provided with a mechanism for attachment to the user's body and incorporating an **output horn** (12). The **microphone** assembly incorporates a resilient head band for the user, and a volume controller. A battery pack is located in the **body pack**.

... For use as a hands free **megaphone** with **headset** incorporating a **microphone** connected to a curly cable to **body pack**.

...

... Provides a new and inventive form of **megaphone**, with the **microphone** being very comfortable to wear for long periods...

...The drawing shows a front view of a person wearing the **megaphone**.

...the **headset** (1...

...the **body pack** (2...

...the **microphone** (5...

...the **output horn** (12

...Title Terms: **MEGAPHONE** ;

?

16/3,K/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06398207 **Image available**
BATTERY PACK

PUB. NO.: 11-339860 [JP 11339860 A]
PUBLISHED: December 10, 1999 (19991210)
INVENTOR(s): HAYAKAWA HIDEKI
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 10-142405 [JP 98142405]
FILED: May 25, 1998 (19980525)

ABSTRACT

PROBLEM TO BE SOLVED: To enable charging of a battery **body** when a battery **pack** is fitted to a moving apparatus or when the battery body is stored in the...

... stored in a battery pack 1. The charging circuit 15 is provided with an operation **amplifier** and a transistor, and it keeps the feed voltage to the battery main body 10...

16/3,K/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

01688606 **Image available**
CLEANING DISC PACK AND MAGNETIC DISC DEVICE USING THIS PACK

PUB. NO.: 60-167106 [JP 60167106 A]
PUBLISHED: August 30, 1985 (19850830)
INVENTOR(s): KANEKO KIYOTAKA
APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 59-020788 [JP 8420788]
FILED: February 09, 1984 (19840209)
JOURNAL: Section: P, Section No. 421, Vol. 10, No. 12, Pg. 36, January 17, 1986 (19860117)

ABSTRACT

...disc 3 having the same shape as a magnetic disc is stored in a cleaning **pack** **body** 1. A U-shaped notch part 5 as the cleaning pack identifying part is formed...

...in a normal magnetic disc pack, a pin 27 is deflected down by the disc **pack** **body** set to a setting part 21, and a switch 29 is made conductive, and an...

...goes to the high level. Thus, it is detected by the output of an inverting **amplifier** 37 whether the pack set to the setting part 21 of a magnetic disc device **body** is the cleaning **pack** or not.

?

18/3,K/1 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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07159200 **Image available**

MOUNTING TYPE **MICROPHONE** AND **HEADSET** AND **PUBLIC ADDRESS SYSTEM**

PUB. NO.: 2002-027583 [JP 2002027583 A]

PUBLISHED: January 25, 2002 (20020125)

INVENTOR(s): OSHIMA KENICHI

APPLICANT(s): OSHIMA KENICHI

APPL. NO.: 2000-254612 [JP 2000254612]

FILED: July 24, 2000 (20000724)

PRIORITY: 2000-169725 [JP 2000169725], JP (Japan), May 01, 2000
(20000501)

MOUNTING TYPE **MICROPHONE** AND **HEADSET** AND **PUBLIC ADDRESS SYSTEM**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a mounting type **microphone** or **headset** with excellent portability, satisfactory cost performance, and comfortable feelings of mounting, and to realize a **public address system** with high mobility by using the mounting type **microphone**.

SOLUTION: Either a mounting type **microphone** or **headset** constituted by mounting a **microphone** part 2 or an earphone part 12 on a linear member is used while the linear structure on which the **microphone** part 2 or the earphone part 12 is mounted is held by the both external acoustic parts of a user. Thus, it is possible to mount the mounting type **microphone** or **headset** even when it is structured with lighter weights and lower strength than a conventional manner. Also, it is possible to manufacture the mounting type **microphone** or **headset** with low costs, excellent feelings of mounting, and high portability.

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File 2:INSPEC 1969-2004/May W1
 (c) 2004 Institution of Electrical Engineers
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 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Apr
 (c) 2004 The HW Wilson Co.
 File 144:Pascal 1973-2004/May W1
 (c) 2004 INIST/CNRS
 File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
 (c) 2003 EBSCO Pub.
 File 239:Mathsci 1940-2004/Jun
 (c) 2004 American Mathematical Society
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 603:Newspaper Abstracts 1984-1988
 (c) 2001 ProQuest Info&Learning
 File 483:Newspaper Abs Daily 1986-2004/May 13
 (c) 2004 ProQuest Info&Learning
 File 248:PIRA 1975-2004/May W1
 (c) 2004 Pira International

| Set | Items | Description |
|-----|--------|--|
| S1 | 236 | (WAIST OR FANNY OR BODY OR KIDNEY) (3N) PACK |
| S2 | 137159 | BELT??? |
| S3 | 0 | S2 AND CONNECTOR? AND (STRAP?? OR SNAPFIT OR SNAP() FIT) |
| S4 | 260314 | MEGAPHONE? OR OUTPUT(3N)HORN OR AMPLIFIER? |
| S5 | 3073 | HANDS()FREE OR HANDSFREE |
| S6 | 1048 | (PUBLIC()ADDRESS OR PA)()SYSTEM |
| S7 | 0 | WEARABLE AND (PA OR PUBLIC()ADDRESS) ()SYSTEM? |
| S8 | 24225 | MICROPHONE OR MICRO()PHONE? |
| S9 | 1926 | HEADSET OR HEAD()SET |
| S10 | 25 | EARHOOK? OR EAR(3N)HOOK? |
| S11 | 0 | PERSONAL()PA()SYSTEM |
| S12 | 0 | S1 AND S6 |
| S13 | 9 | S2 AND S6 |
| S14 | 0 | S13 AND STRAP? |
| S15 | 9 | RD S13 (unique items) |
| S16 | 0 | S5 AND S6 |
| S17 | 2 | S6 AND S9 |
| S18 | 2 | S17 NOT S15 |
| S19 | 2 | RD S18 (unique items) |

15/3,K/1 (Item 1 from file: 8)

DIALOG(R) File 8:EI Compendex(R)

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00534212 E.I. Monthly No: EI7604022684 E.I. Yearly No: EI76015862

Title: NEW CONTINUOUS TRANSPORTATION SYSTEM, BELTICA .

Author: Kumamoto, Takayuki

Corporate Source: Tokyo Shibaura Electr Co, Kawasaki, Jpn

Source: Toshiba Review (International Edition) n 100 Nov-Dec 1975 p 54-59

Publication Year: 1975

CODEN: TRIEA8 ISSN: 0303-416X

Language: ENGLISH

Title: NEW CONTINUOUS TRANSPORTATION SYSTEM, BELTICA .

...Abstract: from several hundred meters to several kilometers consists of a 24 km/hr high-speed **belt** conveyor and a 2. 4 km/hr low-speed **belt** conveyor, plus an additional wheel conveyor combining them for acceleration and deceleration. Passengers cannot directly...

...Instead, they use a capsule possessing no driving force floating on the conveyor. In the **Beltica** system, no track has a terminal, i. e. an endless track structure is used. A...

...no driving force, but is provided with an automatic door open/close device, air-conditioner, **public address system**, and a telephone.

15/3,K/2 (Item 1 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily

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07064967 SUPPLIER NUMBER: 233863891

The Rapper's Very Own Capital Beltway

Levey, Bob

Washington Post, p C11

Nov 7, 2002

ISSN: 0190-8286 NEWSPAPER CODE: TWP

DOCUMENT TYPE: Commentary; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT .

The Rapper's Very Own Capital Beltway

...ABSTRACT: rap? Perhaps someone thought rap rhythm might put people in a shopping rhythm. Or the **PA system** guy just likes the stuff. Maybe he got a rap CD for his birthday. No...

15/3,K/3 (Item 2 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily

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06477197 SUPPLIER NUMBER: 74172419

THE GREAT FLOOD OF 2001 / Two Little League groups struggle with water damage

Pugh, Clifford

Houston Chronicle, p D.1

Jun 15, 2001

NEWSPAPER CODE: HC

DOCUMENT TYPE: Feature; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: tournament T-shirts that were spared because they had not yet been delivered. But pants, **belts**, socks, caps, bats and other items were lost. The Heights-Norhill league also must replace its **public - address system**, a machine to chalk the field, pitching machines, helmets and protective gear. Anyone wanting to...

15/3,K/4 (Item 3 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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06452694 SUPPLIER NUMBER: 73476617
City has plenty of space for ads
Barlow, Jim
Houston Chronicle, p C.1
May 31, 2001
NEWSPAPER CODE: HC
DOCUMENT TYPE: Commentary; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: to sell the product, you have to make it attractive. Fire trucks already have a **public address system**. Use it for a product-related pitch. I can see it now. As the truck...

...big sign on the side you would hear Mattress Mac, between wails of the siren, **belting** out, "Gallery Furniture will save your housing." Look at the back of those trucks. There...

15/3,K/5 (Item 4 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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06162743 SUPPLIER NUMBER: 61689157
SOX READY TO GO FROM UNDERDOG TO TOP DOG INEXPERIENCE, HEALTH KEYS IN POSTSEASON
Sullivan, Paul
Chicago Tribune, p 3.1
Oct 2, 2000
ISSN: 1085-6706 NEWSPAPER CODE: CTRB
DOCUMENT TYPE: News; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: the rap song of that name back in August and were blasting it over the **public - address system** when Seattle beat the Sox on Aug. 26 at Safeco Field. But the Sox players co-opted the song and last were heard **belting** out a few choruses last week in Minnesota after clinching the Central Division title.

15/3,K/6 (Item 5 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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05216219
TV Image Evokes A Prism of Opinion
Achenbach, Joel; Fountain, John W
Washington Post, Sec A, p 29, col 1
Sep 22, 1998

ISSN: 0190-8286 NEWSPAPER CODE: WP
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: over the baggage carousels. The president could barely be heard over the squawking of the **public address system** and the permeating Muzak. One traveler, software consultant Dan Igoe, scrambled over the conveyor **belt** to raise the volume. He said he doubted the video would change his mind. He...

15/3,K/7 (Item 6 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

05058456
Sinatra Gave the Voice To Sports' Soundtrack
Anderson, Dave
New York Times, Sec C, p 6, col 1
May 20, 1998
ISSN: 0362-4331 NEWSPAPER CODE: NY
DOCUMENT TYPE: Commentary; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: room at halftime with John Denver's "Rocky Mountain High" floating over the Rose Bowl **public - address system**. But now, as the Giants emerged for the second half, punt-returner Phil McConkey was...

...the Yankees were out on the field celebrating their 1996 World Series victory, Sinatra was **belting** "New York, New York," all through Yankee Stadium. When the Knicks or the Rangers enter...

15/3,K/8 (Item 7 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
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04754250
Neighbors, Stones Spend a Noisy Night Together
Meyer, Eugene L; Spinner, Jackie
Washington Post, Sec B, p 3, col 2
Oct 24, 1997
ISSN: 0190-8286 NEWSPAPER CODE: WP
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: to "tailgate" from their patios behind the stadium parking lot. Over at the stadium, the **public address system** proclaimed the concert "not a sellout" and advised that tickets still were available at the...

...in Landover. Large numbers of motorists tried to use the same exits from the Capital **Beltway** to reach the stadium instead of seeking alternative routes. A chain-reaction accident involving seven...

...Route 202 exit from the inner loop contributed to heavier-than-normal congestion on the **Beltway**, police said. There were no injuries.

15/3,K/9 (Item 8 from file: 483)
DIALOG(R) File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

04700650

After Bumpy Beginning, A Can't-Be-Beat Ending

Vick, Karl; Heath, Thomas

Washington Post, Sec A, p 1, col 1

Sep 15, 1997

ISSN: 0190-8286 NEWSPAPER CODE: WP

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: the opponent, on a blocked punt, no less. It didn't matter that the Capital **Beltway** had been backed up for about 15 miles before the opening kickoff, or that some...

...of food at halftime, or even that, for most of the game, the brand new **public address system** was louder than the crowd. Yet as the faithful filed out of the huge new...

?

19/3,K/1 (Item 1 from file: 99)

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

2211891 H.W. WILSON RECORD NUMBER: BAST00040309

Solving sound card microphone problems

Covington, Michael A;

QST v. 84 no6 (June 2000) p. 61

DOCUMENT TYPE: Feature Article ISSN: 0033-4812

...ABSTRACT: with microphones that contain their own preamplifiers and expect a rather strong signal. A typical **public - address system** microphone puts out about 1 mV RMS, whereas a sound card needs about 15 mV. Using a **headset** microphone placed about 4 inches from the mouth, where the speech sounds are louder, will...

19/3,K/2 (Item 1 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

04662146

Queries fly at DIA's call center

Booth, Michael

Denver Post, Sec A, p 1, col 5

Jul 11, 1997

NEWSPAPER CODE: DP

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

ABSTRACT: Deep in the cinderblock bowels of Denver International Airport, Tammy Espinoza keeps her **headset** clamped to her raven hair and scans her computer screen. In 10-hour shifts where she juggles the phones and the **public address system**, Espinoza's challenge is to keep her head when all others around her are losing...

...endless supply of teenagers, juiced up on "Simpson" reruns, demanding that Espinoza get on the **PA system** to page "Mr. Dover, Mr. Ben Dover." Welcome to the world of DIA's "Call..."

?

?

File 348:EUROPEAN PATENTS 1978-2004/May W01
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040506,UT=20040429
(c) 2004 WIPO/Univentio

| Set | Items | Description |
|-----|--------|---|
| S1 | 545 | (WAIST OR FANNY OR BODY OR KIDNEY) (3N)PACK |
| S2 | 94900 | BELT??? |
| S3 | 269 | S2 (3N)CONNECT? (5N) (STRAP?? OR SNAPFIT OR SNAP() FIT) |
| S4 | 103405 | MEGAPHONE? OR OUTPUT (3N)HORN OR AMPLIFIER? |
| S5 | 3542 | HANDS()FREE OR HANDSFREE |
| S6 | 280 | (PUBLIC()ADDRESS OR PA) ()SYSTEM |
| S7 | 0 | WEAR? (5N) (PA OR PUBLIC()ADDRESS) ()SYSTEM? |
| S8 | 25222 | MICROPHONE OR MICRO()PHONE? |
| S9 | 3103 | HEADSET OR HEAD()SET |
| S10 | 167 | EARHOOK? OR EAR (3N)HOOK? |
| S11 | 0 | PERSONAL()PA()SYSTEM |
| S12 | 0 | S1(S)S6 |
| S13 | 1 | S3(S)S1 |
| S14 | 1 | S1(S)S4 |
| S15 | 1 | S14 NOT S13 |
| S16 | 8 | S5(S)S6 |
| S17 | 1 | S16(S)BODY |
| S18 | 1 | S17 NOT (S14 OR S13) |
| S19 | 0 | S16(S)S8(S)S9(S)S10 |
| S20 | 3 | S16(S)S8:S10 |
| S21 | 3 | S20 NOT (S17 OR S14 OR S13) |
| S22 | 0 | S6(S)S3 |
| S23 | 113 | AU=(CARPENTER, R? OR CARPENTER R?) |
| S24 | 0 | S23 AND S6 |

13/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00756465 **Image available**

FAN PROPELLED MISTER

NEBULISEUR A SOUFFLERIE

Inventor(s):

UTTER Geri, 481 North Longmore Street, Chandler, AZ 85224, US

Patent Applicant/Inventor:

UTTER Steven M, 481 North Longmore Street, Chandler, AZ 85224, US, US
(Residence), US (Nationality)

Legal Representative:

PAUL James W, Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center,
6060 Center Drive, 10th floor, Los Angeles, CA 90025, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200069569 A1 20001123 (WO 0069569)

Application: WO 2000US9217 20000406 (PCT/WO US0009217)

Priority Application: US 99310524 19990512

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4990

Fulltext Availability:

Detailed Description

Detailed Description

... In another alternate preferred embodiment illustrated in Figs. 4-9, the invention provides for a **waist pack** fan propelled mister 110 shown in Figs. 4 and 5, including a **waist pack** 112 for securing the mister to the user. The **waist pack** can be made of a fabric such as nylon, cotton, and the like, and preferably includes **waist belts** or **straps** 114 **connectable** about the waist of the user by a quick release buckle or clip 116...

?

15/3,K/1 (Item 1 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00248612

Self-powered, portable stereo speaker pillow.

Tragbares Kopfkissen mit Stereolautsprechern und eigener Speisung.

Oreiller portable a haut-parleurs stéréophoniques, auto-alimenté.

PATENT ASSIGNEE:

TAI-CAL ENTERPRISES, (871050), 260 South Orange Street, Escondido
California 92025, (US), (applicant designated states: DE;ES;FR;GB)

INVENTOR:

Taylor, Terry J., 4600 South Virginia No. 2190, Amarillo Texas 79109,
(US)

LEGAL REPRESENTATIVE:

Wilson, Nicholas Martin et al, WITHERS & ROGERS 4 Dyer's Buildings
Holborn, London EC1N 2JT, (GB)

PATENT (CC, No, Kind, Date): EP 249428 A2 871216 (Basic)
EP 249428 A3 890405

APPLICATION (CC, No, Date): EP 87305046 870608;

PRIORITY (CC, No, Date): US 872554 860610

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: H04R-005/02; H04R-001/02;

ABSTRACT WORD COUNT: 67

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | EPABF1 | 432 |
| SPEC A | (English) | EPABF1 | 1858 |
| Total word count - document A | | | 2290 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 2290 |

...SPECIFICATION independent electrical power source 21 is provided in body 11 and is connected to audio **amplifier** 20 by leads. Power source 21 is preferably one or more commercially-available dry cell batteries, either disposable or as a rechargeable battery **pack**. The **body** 11 with speakers 16 and 17, **amplifier** 20, power source 21 and the connecting leads therefor is enclosed or encased in jacket...

?

18/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01382515

Multimedia I/O interface device

Ein- und Ausgabe-Schnittstellengerat fur Multimedia
Dispositif d'interface entrees/sorties pour multimedia

PATENT ASSIGNEE:

Xybernaut Corporation, (2204370), Hyatt Plaza, Suite 550, 12701 Fair Lakes Circle, Fairfax, Virginia 22033, (US), (Applicant designated States: all)

INVENTOR:

Newman, Edward G., 8515 Hampton Way, Fairfax Station, Virginia 22039, (US)

LEGAL REPRESENTATIVE:

Rudolph, Wolfgang, Dipl.-Ing. (9821), Puschmann & Borchert, Patentanwalte - European Patent and Trademark Attorneys, Bajuwarenring 21, 82041 Munchen/Oberhaching, (DE)

PATENT (CC, No, Kind, Date): EP 1174805 A2 020123 (Basic)
EP 1174805 A3 040225

APPLICATION (CC, No, Date): EP 2000123948 001103;

PRIORITY (CC, No, Date): US 608742 000630

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/16

ABSTRACT WORD COUNT: 174

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

| Available Text | Language | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A | (English) | 200204 | 1066 |
| SPEC A | (English) | 200204 | 3584 |
| Total word count - document A | | | 4650 |
| Total word count - document B | | | 0 |
| Total word count - documents A + B | | | 4650 |

...SPECIFICATION one can get at the event itself watching it live and listening only to the **public address system** and looking at the scoreboards and/or event action itself. The cameras and microphones on...

...of a state of the art laptop computer while allowing the user to operate it **hands free** without having to hold it or rest it on a surface.

Newman et al, US 5,844,824 teaches such a wearable " **hands - free** " computer.

" **Hands - free** " throughout the present disclosure and claims

will refer to activation means described and defined in U.S. 5,844,824.

The computer is described as a **body** worn, **hands free** computer system which does not rely upon a keyboard input or activation apparatus,

but rather has various activation means all of which are **hands free**.

It also can use a built in mouse for activation and includes a head or...

?

21/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00981111 **Image available**

SOUND REINFORCEMENT SYSTEM HAVING AN MULTI MICROPHONE ECHO SUPPRESSOR AS POST PROCESSOR

SYSTEME DE RENFORCEMENT SONORE SUPPRESSEUR D'ECHO POUR PLUSIEURS MICROPHONES SOUS FORME DE POSTPROCESSEUR

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

JANSE Cornelis P, Internationaal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven, NL,

BELT Harm J W, Internationaal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven, NL,

Legal Representative:

GROENENDAAL Antonius W M (agent), Internationaal Octrooibureau B.V.,
Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200310995 A2-A3 20030206 (WO 0310995)

Application: WO 2002IB2538 20020624 (PCT/WO IB0202538)

Priority Application: EP 2001202790 20010720

Designated States: JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 6822

English Abstract

A sound reinforcement system (1) comprises at least one **microphone** (2), adaptive echo compensation means (4) coupled to said **microphone** (2) for generating a **microphone** signal, and one or more loudspeakers (3) coupled to the EC means (4). In addition...

...cases wherein the speaker(s) move. The sound reinforcement system (1), which may be a **hands - free** system is embodied as a **public address system**, a congress system, a conferencing system, or a communication system such as a passenger communication...

21/3,K/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00762735 **Image available**

NETWORK TELEPHONY APPLIANCE AND SYSTEM FOR INTER/INTRANET TELEPHONY APPAREILLAGE DE TELEPHONIE RESEAU ET SYSTEME DESTINE A LA TELEPHONIE INTERNET/INTRANET

Patent Applicant/Assignee:

THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, 116th Street
and Broadway, New York, NY 10027, US, US (Residence), US (Nationality),
(For all designated states except: US)

Patent Applicant/Inventor:

SCHULZERINNE Henning, 313 Westview Avenue, Leonia, NJ 07605, US, US
(Residence), DE (Nationality), (Designated only for: US)

YIN Jianqi, 16-121 Woodridge Crescent, Nepean, Ontario K2B 7T2, CA, CA
(Residence), CN (Nationality), (Designated only for: US)

Legal Representative:

TANG Henry, Baker Botts LLP, 30 Rockefeller Plaza, New York, NY
10112-0228, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200076158 A1 20001214 (WO 0076158)
Application: WO 2000US40175 20000608 (PCT/WO US0040175)

Priority Application: US 99138832 19990608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17992

Fulltext Availability:

Claims

Claim

... the "Hook" state monitor, Hooksto; the Key input availability check and read, Keyo; handset and **hands - free** control, HandSeto; ...form of an LM4830, can be used to control switching between the handset and the **hands - free** mode. For example, the HandSeto function can write a '0' to the 1/0 port when "hands - free" mode is required or write a '1' to the appropriate port when "handset" mode is...a PC based telephone device. In such a case. a conventional personal computer having a **microphone**, speakers and suitable network interface card, is provided with software to operate consistently with the...server.
"Intercom" mode is a feature where incoming calls are "picked up" automatically, with the **microphone** disabled until a push-to-talk button is pressed or the receiver is lifted. This can also be used as part of a security **public address system**.
"Baby monitoring" features allow the network appliance to act as a remote audio monitoring device...

...call, the network appliance I 00 is activated with the speaker disabled but with the **microphone** automatically enabled such that the calling party can listen to the environment where I 0...

21/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT
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00539914 **Image available**

EYEWEAR WITH EAR SUPPORTS

LUNETTES A SUPPORTS PLACES DANS L'OREILLE

Patent Applicant/Assignee:

RADIANS INC,

Inventor(s):

BRIGHT Aaron Lee,

GREEN Robert W,

TUTOR Michael S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003287 A1 20000120 (WO 0003287)

Application: WO 99US15331 19990707 (PCT/WO US9915331)

Priority Application: US 98114391 19980713; US 99132205 19990503; US 99327762 19990607

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 21992

Fulltext Availability:

Detailed Description

Detailed Description

... a single unit without requiring a separate boom-mounted microphone.

Such a well-known ear **microphone** 5.220 also provides an added safety factor over a boom-style **microphone**. Certain work and recreational environments require communications via telephone, cellular telephone, two-way radio, intercom, or a **public address system**. Use of an ear **microphone** in such situations permits **hands - free** two-way communications while wearing the present invention.

Preferably, ear microphone 5.220 is mounted...

?

File 9:Business & Industry(R) Jul/1994-2004/May 13
(c) 2004 The Gale Group

File 15:ABI/Inform(R) 1971-2004/May 14
(c) 2004 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2004/May 14
(c) 2004 The Gale Group

File 20:Dialog Global Reporter 1997-2004/May 14
(c) 2004 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2004/May 14
(c) 2004 The Gale group

File 75:TGG Management Contents(R) 86-2004/May W1
(c) 2004 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/May 14
(c) 2004 The Gale Group

File 88:Gale Group Business A.R.T.S. 1976-2004/May 13
(c) 2004 The Gale Group

File 98:General Sci Abs/Full-Text 1984-2004/May
(c) 2004 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media

File 141:Readers Guide 1983-2004/May
(c) 2004 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2004/May 14
(c) 2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/May 14
(c) 2004 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2004/May 14
(c) 2004 The Dialog Corp.

File 369:New Scientist 1994-2004/May W2
(c) 2004 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

File 484:Periodical Abs Plustext 1986-2004/May W2
(c) 2004 ProQuest

File 553:Wilson Bus. Abs. FullText 1982-2004/May
(c) 2004 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2004/May 14
(c) 2004 The Gale Group

File 608:KR/T Bus.News. 1992-2004/May 14
(c) 2004 Knight Ridder/Tribune Bus News

File 620:EIU:Viewswire 2004/May 13
(c) 2004 Economist Intelligence Unit

File 613:PR Newswire 1999-2004/May 14
(c) 2004 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2004/May 13
(c) 2004 The Gale Group

File 623:Business Week 1985-2004/May 12
(c) 2004 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2004/May 13
(c) 2004 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2004/May 12
(c) 2004 San Jose Mercury News

File 635:Business Dateline(R) 1985-2004/May 14
(c) 2004 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2004/May 14
(c) 2004 The Gale Group

File 647:cmp Computer Fulltext 1988-2004/May W1
(c) 2004 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2004/May 13

(c) 2004 The Dialog Corp.
File 674:Computer News Fulltext 1989-2004/May W1
(c) 2004 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

| Set | Items | Description |
|-----|--------|---|
| S1 | 3140 | (WAIST OR FANNY OR BODY OR KIDNEY) (3N) PACK |
| S2 | 593442 | BELT??? |
| S3 | 41 | S2 (3N)CONNECT? (5N) (STRAP?? OR SNAPFIT OR SNAP() FIT) |
| S4 | 156668 | MEGAPHONE? OR OUTPUT (3N) HORN OR AMPLIFIER? |
| S5 | 46556 | HANDS () FREE OR HANDSFREE |
| S6 | 11607 | (PUBLIC() ADDRESS OR PA) () SYSTEM |
| S7 | 15 | WEAR? (5N) (PA OR PUBLIC() ADDRESS) () SYSTEM? |
| S8 | 114763 | MICROPHONE OR MICRO() PHONE? |
| S9 | 35737 | HEADSET OR HEAD() SET |
| S10 | 493 | EARHOOK? OR EAR(3N) HOOK? |
| S11 | 1 | PERSONAL() PA() SYSTEM |
| S12 | 2 | S1(S) S6 |
| S13 | 0 | S3(S) S1 |
| S14 | 3 | S1(S) S4 |
| S15 | 6 | S11 OR S12 OR S14 |
| S16 | 5 | RD S15 (unique items) |
| S17 | 9 | S5(S) S6 |
| S18 | 24 | S7 OR S17 |
| S19 | 5 | S18 AND PY=2002:2004 |
| S20 | 19 | S18 NOT S19 |
| S21 | 14 | RD S20 (unique items) |
| S22 | 588 | AU=(CARPENTER, R? OR CARPENTER R?) |
| S23 | 0 | S22(S) S6 |
| S24 | 0 | S22 AND S6 |

16/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

18060079 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Feast for the eyes and ears
Gerald Chuah
NEW STRAITS TIMES (MALAYSIA)
July 27, 2001
JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 751

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Bazaar section with 15 rooms allocated for the budget conscious.
Some novel products included a **personal PA system** which can be hooked onto your belt - ideal for teachers, lecturers, trainers and tour guides...

16/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

11440118 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Trumpeting the latest in NHS hearing aids
LEICESTER MERCURY , Leicester Mercury (LMerc) ed, p20
June 08, 2000
JOURNAL CODE: FLCM LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 476

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... most people would have had a body pack containing their batteries hooked up to the **amplifier** worn around the neck and their ear-piece through wires.

But technology is moving on...

16/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

01801623 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Athletics: Hail magic of Mr Hengelo: Ethiopia's shy legend seeks to recapture his world record in a country which has taken him to its heart
SIMON TURNBULL
INDEPENDENT ON SUNDAY
May 31, 1998
JOURNAL CODE: FINS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1689

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... s metronomic stride and the sound of "Scatman", his beloved techno tune, blaring from the **public address system** .
"It's something very special when Haile runs in Hengelo," Jos Hermens, Gebrselassie's coach...

16/3,K/4 (Item 1 from file: 608)

DIALOG(R) File 608:KR/T Bus.News.

(c)2004 Knight Ridder/Tribune Bus News. All rts. reserv.

06612390 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Technology, Retailers' Protocols Catch Up with Children Lost in Stores

Sandy Bauer

Philadelphia Inquirer

December 01, 1998

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 1251

...TEXT: nearby exits. The child's description is broadcast to guards and sometimes announced on the **public - address system**.

But in 1995, Wal-Mart stores nationwide instituted a more rigorous procedure, Code Adam -- named...

...With Child Guardian, the adult carries a remote-control device and the child wears a **fanny pack** containing a noisemaker. When a button on the remote is pressed within 200 feet, the **fanny pack** chirps. If that is not audible, a second button activates a siren that wails at...up in the security office at Franklin Mills mall, the call goes out over the **public - address system** for their lost parents. Ralph Colaberdino, security director, cannot help but get miffed when they...

16/3,K/5 (Item 1 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

05781199 Supplier Number: 116086465 (USE FORMAT 7 FOR FULLTEXT)

Wireless Systems.

Sound & Video Contractor, v22, n5, pNA

May 1, 2004

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 4453

... its 7000 Series professional wireless system, a versatile product that includes the ATW T-75 **body - pack** transmitter, the ATW T-76 hand-held dynamic mic transmitter, and the ATW T-73...

...at different audio levels, and these can be used simultaneously to drive mixers and guitar **amplifiers**. A wide variety of accessories includes different color and style microphones, receiver antenna models, clamps...?

21/3,K/1 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01313535 99-62931

Planning for WMS

Anonymous

Material Handling Engineering v51n10 PP: A20-A22 1996/1997

ISSN: 0025-5262 JRNL CODE: MTH

WORD COUNT: 2877

...TEXT: have on-line, real-time access to inventory management instructions and inventory levels.

Paperless picking. **Hands - free** or wearable portable computers make picking more flexible and reliable. The portable computer routes the...

... Real-time communication means you no longer have to page a worker over the warehouse **public address system** for hot/rush items.

At the shipping dock. The WMS can use the data collected...

21/3,K/2 (Item 2 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01313534 99-62930

Basics of warehouse management systems

Anonymous

Material Handling Engineering v51n10 PP: A17-A20 1996/1997

ISSN: 0025-5262 JRNL CODE: MTH

WORD COUNT: 7644

...TEXT: have on-line, real-time access to inventory management instructions and inventory levels.

Paperless picking. **Hands - free** or wearable portable computers make picking more flexible and reliable. The portable computer routes the...

... Real-time communication means you no longer have to page a worker over the warehouse **public address system** for hot/rush items.

At the shipping dock. The WMS can use the data

21/3,K/3 (Item 3 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01052401 97-01795

Warehouse management systems won't wait!

Trunk, Christopher

Material Handling Engineering v50n6 PP: 53-66 Jun 1995

ISSN: 0025-5262 JRNL CODE: MTH

WORD COUNT: 4663

...TEXT: have on-line, real-time access to inventory management instructions and inventory levels.

* Paperless picking. **Hands - free** or wearable portable computers make picking more flexible and reliable. The portable computer routes the...

... Real-time communication means you no longer have to page a worker over the warehouse **public address system** for hot/rush items.

* At the shipping dock. The WMS can use the data collected...

21/3,K/4 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

02431659 Supplier Number: 43202954 (USE FORMAT 7 FOR FULLTEXT)

Kmart Bares Merchandising Flexibility

Discount Store News, v0, n0, p1

August 3, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 974

... the store for product information, avoiding putting a customer on hold.

The headsets also let **wearers** access the **public address system**, which features professionally recorded messages.

'The thing that's great is that the person (wearing...

21/3,K/5 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

02040788 Supplier Number: 42633143 (USE FORMAT 7 FOR FULLTEXT)

HEADSETS ENHANCE SERVICE AT TOYS 'R' US

Chain Store Age Executive with Shopping Center Age, p86

Jan, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 697

... in the back room and have them brought out to the sales floor."

A headset- **wearing** employee can also access the **public address system** from the headset, and make an announcement such as, "Electronics, pick up on line 2...

21/3,K/6 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

20453203 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Kozhikode limps back to normality

Akhel Mathew

GULF NEWS

December 22, 2001

JOURNAL CODE: WGNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 330

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a hundred pressure cookers simultaneously," said an eyewitness. Appeals for help were announced over the public address system of a nearby mosque.

Firefighters wearing gas masks pumped water dousing the leaking tanker. This was the best way to avert...

21/3,K/7 (Item 1 from file: 47)

DIALOG(R) File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

05135975 SUPPLIER NUMBER: 20065119 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A wing and a prayer: religion goes back to school.

Kaminer, Wendy
The Nation, v265, n20, p18(3)
Dec 15, 1997
ISSN: 0027-8378 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1645 LINE COUNT: 00136

... religious activities during noninstructional time, announce meetings of extracurricular religious activities over the school's public address system and wear religious symbols. The federal courts have generally made clear that students have the right to...

21/3,K/8 (Item 1 from file: 141)

DIALOG(R) File 141:Readers Guide
(c) 2004 The HW Wilson Co. All rts. reserv.

03536876 H.W. WILSON RECORD NUMBER: BRGA97036876 (USE FORMAT 7 FOR FULLTEXT)

Industry resources 1997/1998.
AUGMENTED TITLE: special issue
TCI (TCI) v. 31 (June/July '97) p. 14-18+
WORD COUNT: 215730

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... Lighting
SFX: SFX Effects

CURTAIN CALL COSTUMES
PO Box 709, 333 E. Seventh Ave., York, PA 17405

717-852-6910
Fax: 800-839-1039
Contact: Customer Service
Hours: 8:00AM - 4...

21/3,K/9 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

10409345 SUPPLIER NUMBER: 20895679 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Listen up! (voice amplification systems for classrooms)

Fickes, Michael
School Planning and Management, v37, n6, p40(3)

June, 1998

LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1445 LINE COUNT: 00123

... school," Anderson says.

Sound-field amplification, the second type of system, operates like a wireless public address system. The teacher wears a microphone that sends a radio signal to receivers built into several speakers located around...

21/3,K/10 (Item 2 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB
(c) 2004 The Gale Group. All rts. reserv.

06118549 SUPPLIER NUMBER: 12540127 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Kmart bares merchandising flexibility. (K Mart Corp.'s two-level Southbury, Connecticut store)

Liebeck, Laura
Discount Store News, v31, n15, p1(2)

August 3, 1992

ISSN: 0012-3587 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1034 LINE COUNT: 00081

... the store for product information, avoiding putting a customer on hold.

The headsets also let wearers access the public address system, which features professionally recorded messages.

"The thing that's great is that the person [wearing...

21/3,K/11 (Item 1 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01812161 SUPPLIER NUMBER: 17279624 (USE FORMAT 7 OR 9 FOR FULL TEXT)
KSU-less key system update. (key service unit) (includes related articles on MicroFrame's Secure Sentinel IPC, where to buy KSU-less phones)

Marcus, Michael N.
Teleconnect, v13, n6, p117(3)
June, 1995

ISSN: 0740-9354 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5895 LINE COUNT: 00447

... SouthWestern Bell can indicate when your modem is on-line, and connect you to a PA system, so decide what's important.

TMC
TMC (North Brunswick, NJ -- 800-TMC-1638) is now...

21/3,K/12 (Item 2 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01294702 SUPPLIER NUMBER: 07246548 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Teleconferencing systems. (Audio) (directory)

Teleconnect, v7, n5, p102(3)
May, 1989
DOCUMENT TYPE: directory ISSN: 0740-9354 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1293 LINE COUNT: 00106

... conferees in a room about 16 feet by 16 feet. Features of the system include, **handsfree** dial, auto-answer, a plug-in interface to Quorum microphone/loudspeakers, output jacks for tape recorders and a **PA system**.

Darome

Darome manufactures and distributes a complete line of conferencing equipment. This includes conference-room...

21/3, K/13 (Item 1 from file: 264)

DIALOG(R) File 264:DIALOG Defense Newsletters
(c) 2004 The Dialog Corp. All rts. reserv.

00019325

CONTRACTS

WORLD AIRPORT WEEK

September 24, 1996 VOL: 3 ISSUE: 38 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH WORD COUNT: 328 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...multiple languages, instant gate and baggage claim updates and an information system linked to the **public address system**

Hong Kong Airport Services Ltd. (HAS) has won a contract from the Hong Kong Airport...

...aircraft and operate passenger stairs.

Amtech Systems Corp. will provide \$125,000 worth of wireless, **hands - free** technology to Houston Hobby and Houston Intercontinental airports. The technology will help the airport manage...

21/3, K/14 (Item 1 from file: 484)

DIALOG(R) File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.

04811969 SUPPLIER NUMBER: 56385788 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Fishman Powerbridge System: Acoustic tone for electric guitars

Zaworski, Dave

Down Beat (GDOB), v67 n8, p86, p.1

Aug 2000

ISSN: 0012-5768 JOURNAL CODE: GDOB

DOCUMENT TYPE: Product Review-Favorable

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 805

TEXT:

... the Powerbridge and magnetic pickups on the guitar to a combination of guitar amps and **PA system** via dedicated output jacks for magnetic pickup sound (mag thru), piezo sound ('/a" piezo out...)

...pedal, the Powerblend lets guitarists control the volume of the

Powerbridge with feet, leaving the **hands free** for playing.

After becoming acquainted with the varied options for directing sound
(Fishman's diagrams...)

?

?



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WEARABLE Personal Public Address System - NEW

Item number: 3813481739

Buyer or seller of this item? [Sign in](#) for your status

Item has ended.

[Go to larger picture](#)

[Buy It Now](#) Price: AU \$49.95

Ended 12-May-04 21:26:21
AEST
Start time: 02-May-04 21:26:21
AEST
Item location: melb, Victoria
Australia
Posts to: Worldwide

[Postage and payment details](#)

Seller information

splinter_im(780 ) 

me

Feedback Score: 780
Positive Feedback: 99.7%
Member since 23-Apr-03 in
Australia

[Read feedback comments](#)

[View seller's other items](#)

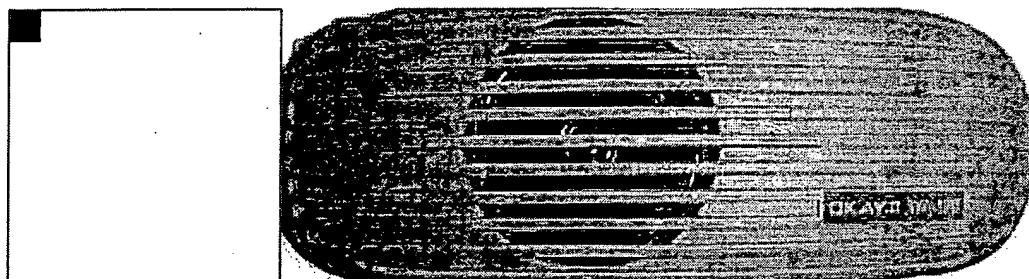
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 [Splinter International](#)

 [Buy with Confidence](#)

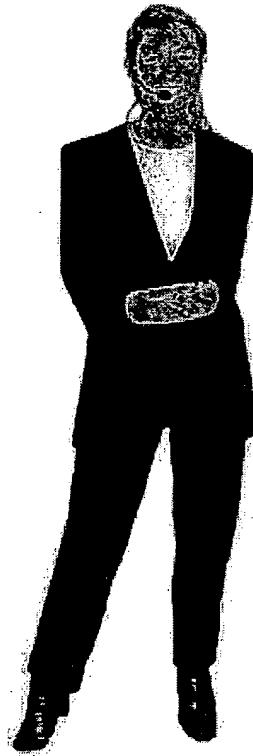
Description

Seller assumes all responsibility for listing this item.

Wearable Personal Public Address System



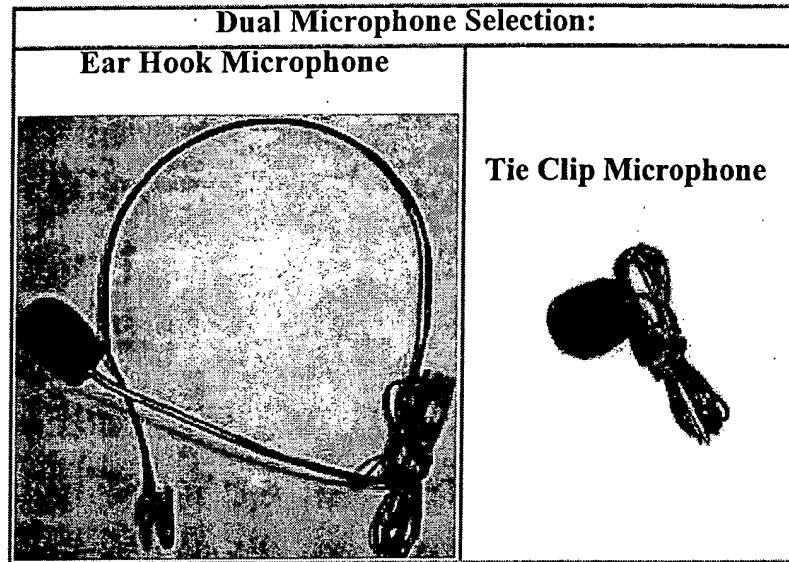
"A Whooping 5 Watt Power"



Ideal for small meetings, briefings, facility tours, and classroom instruction. This unit is self-contained and weighs eight ounces.

Designed to be worn around the waist, this fully self contained amplifier will help you make yourself heard over a crowd or other background noise. The system is surprisingly loud for its size and is great for small PA applications such as in-store demonstrations, tour guides and lecturers etc. A sensitive microphone is included and is attached to a small ear hook gooseneck that allows 'hands free' operation. The amplifier runs on a single 9 volt battery included. Easy to use, Just plug in the microphone, clip the lightweight amplifier onto your belt and turn it on!

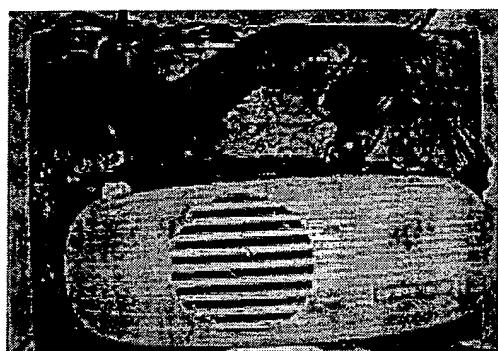




Specifications:

- * 5 watt RMS output
- * S/N ratio better than 40db
- * 100Hz to 10kHz Bandwidth
- * Size 75(H) x 200(W) 50(D)mm

Includes



- Wearable PA system
- Manual
- Batteries
- Ear hook microphone
- Tie-clip microphone



Also available in:

Deluxe Personal PA System with Charger

(Rechargeable)

- * 6 Watts output
- * 3 inch speaker
- * 100Hz to 18kHz Bandwidth
- * Size 90(H) x 200(W) 50(D)mm

email us for details

warranty

Buy with confidence. Buy for a lifetime.

- **60 days NO-Questions-Asked refund**
- Exclude any Postage cost, buyer is responsible for all the postage cost

For Australian ORDERS

- Prefer Direct bank deposit
- Will accept Credit cards though Paypal

- Will accept Money Order
- Will accept cheque

For International ORDERS

- Will post Anywhere Worldwide and ONLY accepts:

- **International postage this item = \$21.00 USD**